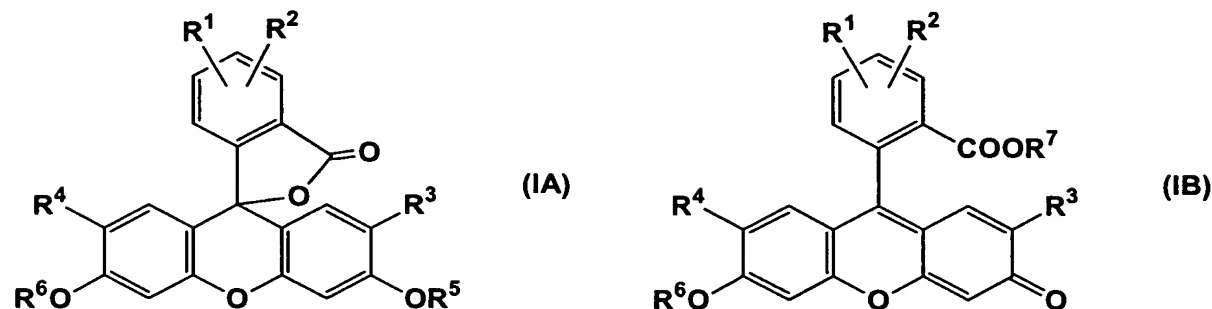
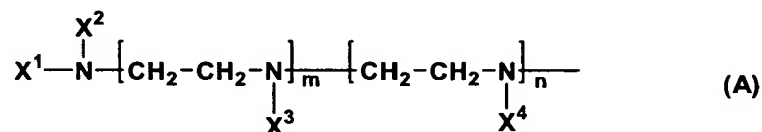


What is claimed is:

1. A compound represented by the following general formula (IA) or (IB) or a salt thereof:

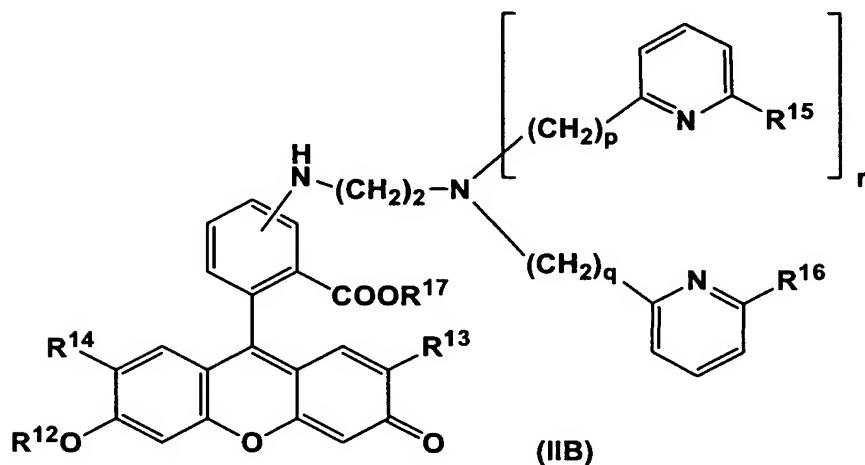
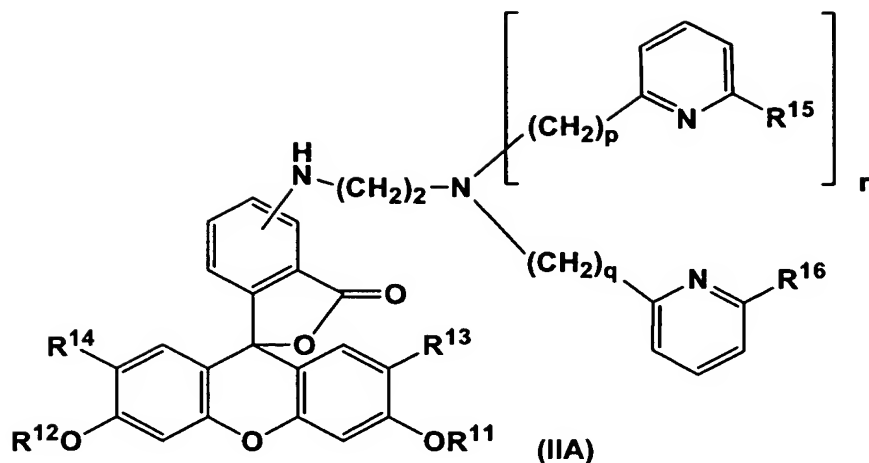


wherein R¹ and R² independently represent a hydrogen atom or a group represented by the following formula (A):



wherein X¹, X², X³, and X⁴ independently represent a hydrogen atom, a 2-pyridylmethyl group, a 2-pyridylethyl group, a 2-methyl-6-pyridylmethyl group, or a 2-methyl-6-pyridylethyl group, provided that at least one among the groups selected from the group consisting of X¹, X², X³, and X⁴ represents a group selected from the group consisting of a 2-pyridylethyl group, a 2-methyl-6-pyridylmethyl group, and a 2-methyl-6-pyridylethyl group, and m and n independently represent 0 or 1, provided that m and n do not simultaneously represent 0; provided that R¹ and R² do not simultaneously represent hydrogen atoms; R³ and R⁴ independently represent a hydrogen atom or a halogen atom; R⁵ and R⁶ independently represent a hydrogen atom, an alkylcarbonyl group, or an alkylcarbonyloxymethyl group; and R⁷ represents a hydrogen atom or an alkyl group.

2. A compound represented by the following general formula (IIA) or (IIB) or a salt thereof:



wherein R^{11} and R^{12} independently represent a hydrogen atom, an alkylcarbonyl group, or an alkylcarbonyloxymethyl group; R^{13} and R^{14} independently represent a hydrogen atom or a halogen atom; R^{15} and R^{16} independently represent a hydrogen atom or a methyl group; R^{17} represents a hydrogen atom or an alkyl group; p and q independently represent 1 or 2; and r represents 0 or 1, provided that when r is 1, it is excluded that R^{15} and R^{16} are simultaneously hydrogen atoms, and p and q are simultaneously 1, and when r is 0, q is 2.

3. The compound according to claim 2 or a salt thereof, wherein R^{13} and R^{14} are hydrogen atoms.

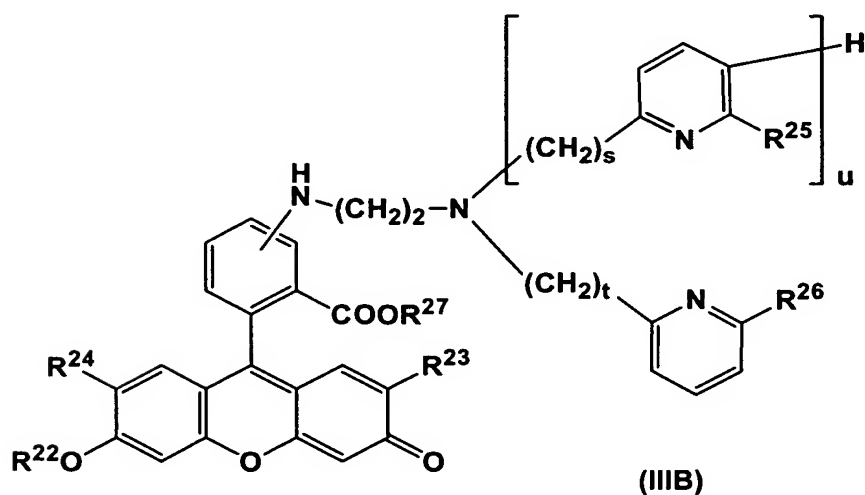
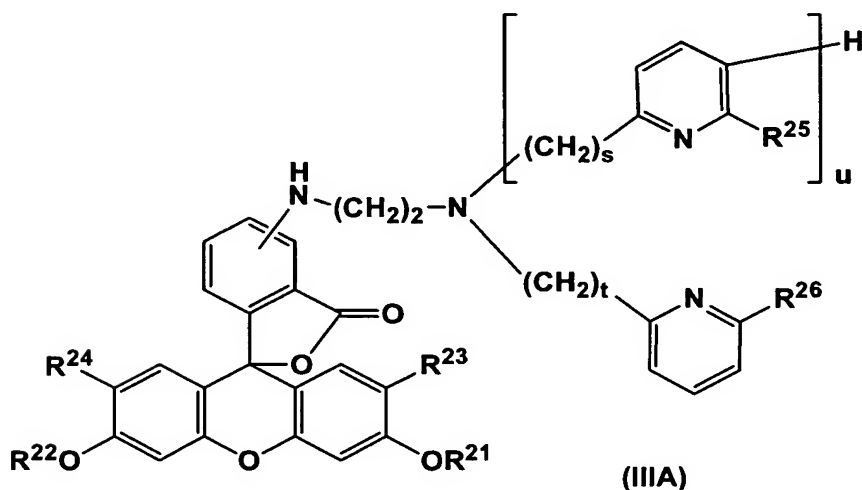
4. The compound according to claim 2 or claim 3 or a salt thereof, wherein R^{17} is a hydrogen atom.

5. A fluorescent probe for zinc which comprises a compound represented by the general formula (IA) or (IB) according to claim 1 or a salt thereof.

6. A zinc complex which is formed by a compound represented by the general formula (IA) or (IB) according to claim 1 or a salt thereof together with a zinc ion.

7. A method for measuring zinc ions which comprises the following steps of:
 (a) reacting a compound represented by the general formula (IA) or (IB) according to claim 1 or a salt thereof with zinc ions; and
 (b) measuring fluorescence intensity of the zinc complex produced in the above step (a).

8. A method for measuring zinc ions which comprises the step of measuring zinc ions by using two or more compounds or salts thereof selected from the group consisting of the following (1) to (14) in the following general formula (IIIA) or (IIIB):



wherein R²¹ and R²² independently represent a hydrogen atom, an alkylcarbonyl group,

or an alkylcarbonyloxymethyl group; R²³ and R²⁴ independently represent a hydrogen atom or a halogen atom; R²⁵ and R²⁶ independently represent a hydrogen atom or a methyl group; R²⁷ represents a hydrogen atom or an alkyl group; s and t independently represent 1 or 2, and u represents 0 or 1,

(1) the compound wherein s and t are 1, u is 1, and R²⁵ and R²⁶ are hydrogen atoms, or a salt thereof

(2) the compound wherein s and t are 1, u is 1, R²⁵ is a hydrogen atom, and R²⁶ is a methyl group, or a salt thereof

(3) the compound wherein s and t are 1, u is 1, and R²⁵ and R²⁶ are methyl groups, or a salt thereof

(4) the compound wherein s is 1, t is 2, u is 1, and R²⁵ and R²⁶ are hydrogen atoms, or a salt thereof

(5) the compound wherein s is 1, t is 2, u is 1, R²⁵ is a hydrogen atom, and R²⁶ is a methyl group, or a salt thereof

(6) the compound wherein s is 1, t is 2, u is 1, R²⁵ is a methyl group, and R²⁶ is a hydrogen atom, or a salt thereof

(7) the compound wherein s is 1, t is 2, u is 1, and R²⁵ and R²⁶ are methyl groups, or a salt thereof

(8) the compound wherein s and t are 2, u is 1, and R²⁵ and R²⁶ are hydrogen atoms, or a salt thereof

(9) the compound wherein s and t are 2, u is 1, R²⁵ is a hydrogen atom, and R²⁶ is a methyl group, or a salt thereof

(10) the compound wherein s and t are 2, u is 1, and R²⁵ and R²⁶ are methyl groups, or a salt thereof

(11) the compound wherein t is 1, u is 0, and R²⁶ is a hydrogen atom, or a salt thereof

(12) the compound wherein t is 1, u is 0, and R²⁶ is a methyl group, or a salt thereof

(13) the compound wherein t is 2, u is 0, and R²⁶ is a hydrogen atom, or a salt thereof

(14) the compound wherein t is 2, u is 0, and R²⁶ is a methyl group, or a salt thereof

9. The method according to claim 8, wherein R²³, R²⁴, and R²⁷ are hydrogen atoms.

10. A kit for measuring zinc ions which comprises two or more compounds or salts thereof selected from the group consisting of the compounds (1) to (14) or salts thereof according to claim 8.